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SOCIETY AFFAIRS

ANNUAL CONVENTION

The Constitution of the Association stipulates that each annual convention must open at 9 a.m., on a Tuesday. The program for the 1917 convention was so long, however, that in order to provide time for the technical meetings and the entertainments which were considered desirable, a preliminary gathering of the Association was held at the Jefferson Hotel, Richmond, Va., the convention headquarters and meeting place, at 8.30 p.m., May 7. President Metcalf was in the chair, and after calling the meeting together delivered the presidential address, printed on page 267 of this issue. At its close he introduced R. E. Milligan, who outlined the features of the entertainments provided by the Water Works Manufacturers Association and in the name of that organization presented to the American Water Works Association two silver cups as prizes in the annual golf tournament. One was a large cup to be contested for annually and remain for a year in the possession of the winner of the tournament at the beginning of that year, whose name will be engraved on it, and the other was a small cup of the same shape which remains permanently in the possession of the winner of the 1917 match.

Tuesday Morning, May 8, 1917. The thirty-seventh annual convention was called to order at 9 a.m. by President Metcalf, and during the session Mayor George Ainslee made a brief address of welcome to the city. The following papers were presented at this session:

"Recent Progress and Tendencies in Municipal Water Supply in the United States," by John W. Alvord, discussion by Rudolph Hering and Francis F. Longley.

"Concrete in Water Works Structures with Special Reference to Its Resistance to Weathering and Methods of Repairing It," by Rudolph J. Wig; discussion by Francis F. Longley, J. M. Diven, J. N. Chester, Rudolph Hering, Frank A. Barbour, N. T. Veatch, Jr., and the author. On motion of J. W. Alvord, acting for the

Publication Committee, the Association passed a vote of thanks to the author, who is not a member, for preparing and presenting the paper at the convention at the Committee's request.

"The Treasury Department Standard for Drinking Water; Its Value and Enforcement," by H. P. Letton, presented in the author's absence by Robert Spurr Weston; discussion by Robert Spurr Weston, John W. Alvord, F. W. Cappelen, Edward Bartow, Lewis I. Birdsall, Mayo Tolman, Chester G. Wigley, J. N. Chester and Leonard Metcalf.

The report of the Canvassing Committee was presented, as follows:

Troy, N. Y., April 28, 1917.

Your committee, appointed by Mr. Leonard Metcalf, President, to count the ballots for officers for the ensuing year, beg leave to report as follows:

Total number of ballots received.....	708
Total number of votes cast for President.....	706
For Mr. Theodore A. Leisen.....	597
For Mr. Chas. R. Henderson.....	109
Total number of votes cast for Vice-President.....	701
For Mr. Chas. R. Henderson.....	334
For Mr. Allan W. Cuddeback.....	367
Total number of votes cast for Treasurer.....	703
For Mr. James M. Caird.....	541
For Mr. A. A. Reimer.....	162
Total number of votes cast for Trustees.....	1403
For Mr. Beekman C. Little.....	640
For Mr. Henry B. Morgan.....	370
For Mr. W. S. Cramer.....	393

Six ballots were received in envelopes without the senders' names and were from cities having several members so could not be placed and were not opened or counted.

Respectfully submitted,

GEORGE P. HALFIN,
JAMES H. CALDWELL,
J. M. DIVEN, *Secretary*
Committee.

The officers-elect were introduced by President Metcalf and each made brief remarks.

Tuesday afternoon, May 8, 1917. The meeting was called to order at 2 o'clock by President Metcalf. The following papers were presented:

"Reliability of Pumping Station Design," by Clarence Goldsmith; discussion by Carleton E. Davis, J. N. Chester, F. W. Cappelen and the author.

Improved Efficiency of the St. Louis Pumping Stations," by Leonard A. Day; discussion by John C. Trautwine, Jr., J. N. Chester, Carleton E. Davis, R. B. Howell and the author.

"Pumping in the Metropolitan Water District of Massachusetts," by A. O. Doane; discussion by Carleton E. Davis, Charles R. Henderson, J. N. Chester, R. B. Howell and the author.

"Pumping Station Cost and Efficiency Records," by Mark Wolff, read by J. M. Goodell; discussion by Theodore A. Leisen.

"Relations between Water Departments, Companies and the Public," by W. C. Hawley; read by Robert Spurr Weston.

"Relations between a Water Department and the Public," by A. A. Reimer; read by J. M. Goodell.

Wednesday Morning, May 9, 1917. The meeting was called to order by President Metcalf and during the session Dr. Ernest C. Levy, formerly health officer of Richmond, was invited to address the Association. He explained the general features of the water supply of the city and its treatment by sedimentation and coagulation. The following papers were presented at this session:

"The New Charter of the Clarksburg Water Board," by Scotland G. Highland.

"Some Practical Points in Filter Plant Operation," by Lewis I. Birdsall; discussion by J. M. Diven, Edward Bartow, Joseph Race, C. Arthur Brown, Mayo Tolman, Theodore A. Leisen and the author.

"Decarbonation and Removal of Iron and Manganese from Ground Water at Lowell, Mass.," by Frank A. Barbour, printed in the JOURNAL for June, 1917; discussion by Samuel B. Applebaum, Edward Bartow, Robert Spurr Weston, Joseph Race and the author.

The chair announced that the cup offered last year by ex-President Hill for the largest percentage of increase in membership shown by any section had been won by the Minnesota Section, of which F. W. Cappelen is chairman and Lewis I. Birdsall is chairman of the membership committee. This section increased its membership from 20 to 29, an increase of 45 per cent.

The chair presented for the Executive Committee a resolution regarding the effect of mobilization on the operation of water works

plants; the discussion of this subject was continued to the sessions of Thursday morning and afternoon.

The following Nominating Committee was elected: District 1, Robert Spurr Weston; District 2, Charles R. Wood; District 3, James A. Steele, Jr.; District 4, John W. Alvord; District 5, H. Hymmen.

The Association voted to hold the next annual convention at St. Louis; Detroit, Mich., and Evansville, Ind., were the competing places.

Wednesday evening, May 9, 1917. The meeting was called to order by President Metcalf. The following papers were presented:

"History, Prices and Depreciation of Cast Iron Pipe," by B. B. Hodgman; discussion by J. M. Diven, A. F. Kirstein, J. N. Chester, George A. Main, Rudolph Hering, Charles F. Barrett, Leonard Metcalf, E. E. Davis and the author.

"Experience with Submerged Pipe Line in the Puerto Barrios Water Works," by T. Howard Barnes, presented by J. M. Goodell; printed in "Journal" for June, 1917.

"Troubles in Constructing a 48-inch Submerged Main," by F. W. Cappelen.

"The Effect of Covering a Service Reservoir," by John Gaub, presented by J. M. Goodell.

Thursday morning, June 10, 1917, Superintendents' Session. The meeting was called to order by President Metcalf. The following papers were presented:

"Thawing Frozen Water Mains by Electricity," separate papers by Henry B. Machen, and W. I. McMane; discussion by E. J. Jenkins, Theodore A. Leisen, J. Walter Ackerman, G. O. House, C. W. Wiles, E. H. Breidenbach, Frank C. Kimball, R. F. Johnson, R. A. Jackson, B. F. Stedman, R. B. Howell, Charles F. Barrett, J. M. Diven, A. W. Cuddeback, H. F. Huy, Patrick Gear, Robert L. Clemmitt and Henry B. Machen.

"Trenching Machine Work," by W. W. Brush; discussion by Theodore A. Leisen, J. M. Diven, C. W. Wiles, A. W. Cuddeback, William Luscombe, E. E. Davis, R. B. Howell, Leonard Metcalf, M. N. Baker, A. Prescott Folwell, Robert Elliott, H. V. Knouse, George G. Earl, Dow R. Gwinn, J. M. Higbie and the author.

The report of the Committee on Specifications for Cast Iron Pipe and Specials was presented in the absence of the chairman by F. A. Barbour, and discussed by Theodore A. Leisen, J. M. Diven

and F. A. Barbour; it was presented out of its order on the official program and further discussion was postponed until the session of Friday morning.

Thursday morning, May 10, 1917, Chemical and Bacteriological Section. The meeting was called to order at 9 o'clock by the chairman of the section, Charles P. Hoover. The minutes of the last meeting were read and approved. The following papers were presented:

"Water Supply Standards and Their Improvement," by Wm. J. Orchard; discussion by Chester G. Wigley, F. W. Green, George R. Taylor, Lewis I. Birdsall, Joseph Race, . . Y. Cheney, Edward Bartow and the author.

Following this discussion, there was a discussion of the advisability of having the operating officials of water purification plants represented by a committee of the American Water Works Association, which would participate if possible in any discussions which other organizations, such as the American Public Health Association, may hold regarding standard requirements for the quality of water, and would have, if possible, some voice in any standardization of methods of water analysis.

"The Differentiation of Bacteria of the Colon-Aerogenes Family," by William Mansfield Clark; discussion by Edward Bartow, Joseph Race, F. W. Green and the author.

"The Quality of Water and Confirmatory Tests for B. Coli," by Abel Wolman, presented by J. A. Kienle, printed in the JOURNAL for June, 1917; discussion by W. J. Orchard.

Thursday afternoon, May 10, 1917, Superintendent's Session. The meeting was called to order by President Metcalf. The following papers were read:

"Leakage from Vitrified Pipe Used to Convey Water under a Low Head," by William W. Brush; discussion by J. Y. Cheney and the author.

"Forty-five Years Experience in Water Works Service," by E. E. Davis; discussion by Leonard Metcalf, J. M. Diven, Henry P. Bohmann and the author.

"Leakage from High-Pressure Fire Service Mains," by Henry B. Machen; discussion by Leonard Metcalf, J. Walter Ackerman and the author.

"Funding Sanitary Improvements as a Means of Increasing Water Consumption," by R. A. Butler and F. C. Jordan; discussion

by J. M. Diven, J. N. Chester, J. Walter Ackerman, William Luscombe, M. N. Baker, M. L. Worrell, C. D. Brown, W. A. Patton, A. F. Kirstein, F. C. Kimball and F. C. Jordan.

"Lead Wool," by R. J. Thomas, read by J. M. Goodell; discussion by J. M. Diven and A. W. Cuddeback.

Two subjects for informal discussion were furnished by the Question Box, as follows: "Where funded water works debts and interest accounts are taken care of by the city council and paid from general funds should the water works books show these items?," discussed by W. W. Brush, Leonard Metcalf, J. Walter Ackerman, George A. Main, Henry P. Bohmann, William Luscombe, Frank A. Kimball, and R. B. Howell; "Reasons for and disadvantages of recarbonation of water softened by the lime-soda process, and the cost of recarbonation where tried," discussed by F. A. Barbour and George A. Main.

Thursday afternoon, May 10, 1917, Chemical and Bacteriological Section. The meeting was called to order by the chairman, Charles P. Hoover. The following papers were presented:

"Manganese in Water Supplies," by Edward Bartow and H. P. Corson, presented by the former; discussion by C. A. Haskins, N. T. Veatch, Jr., S. B. Applebaum and Edward Bartow.

"The Chlorine Cell Installation of the Montreal Water and Power Company," by F. H. Pitcher and James O. Meadows; discussion by Lewis I. Birdsall, S. B. Applebaum, Mayo Tolman and F. H. Pitcher.

"Chlorine Treatment at Ottawa, Canada," by Joseph Race; discussion by Lewis I. Birdsall, W. J. Orchard and the author.

A topical discussion on one of the subjects in the Question Box of the Superintendents' Session was taken up: "Reasons for and disadvantages of recarbonation of water softened by the lime-soda process and the cost of recarbonation where tried."

As a result of the discussion at the morning session and conferences with the president and secretary of the Association, it was voted to recommend to the president of the Association the appointment of a committee to consider

(A) Official Standards of Water Analysis:

1. Interpretation.
2. Methods.
3. Feasibility of coöperation with other organizations.

(B) Means for placing the recommendations before the Association and the general public.

The chairman announced that he would recommend to the president the appointment on such committee of W. J. Orchard, C. A. Haskins, Edward Bartow, Joseph Race and Robert B. Morse.

The election of Section officers for the ensuing year was then held, resulting in the following choice: Chairman, August V. Graf; secretary, J. A. Kienle; executive committee, Lewis I. Birdsall, C. A. Haskins and Richard Messer.

Thursday afternoon, May 10, 1917, Special session. At 4 o'clock the business of the general meeting and of the Chemical and Bacteriological Section was interrupted by previous arrangement in order to complete the discussion of the action to be taken by the Association in view of war conditions. The following resolution was unanimously adopted:

Resolved, That the American Water Works Association, assembled in annual convention, pledges its readiness to serve the national government in such manner as may be most helpful in the present national crisis.

This resolution was telegraphed to President Wilson later in the day.

Thursday evening, May 10, 1917. The meeting was called to order by President Metcalf. The following papers were presented:

"Methods of Determining and Plotting Meter Capacities and some Results," by Fred B. Nelson.

"Lowering Ground Water Levels," by Clarence L. Kirk; discussion by John W. Alvord, W. W. Brush, Dabney H. Maury, George A. Main, Leonard Metcalf, A. Prescott Folwell and the author.

"Experiences and Experiments with Wrought Iron and Steel Service Pipe," by Alexander Milne; presented by title in the absence of the author, owing to the crowded condition of the session's program.

The report of the Secretary was read by J. M. Diven; the Association voted to receive it and place it on file. It is printed on page 405.

The report of the Treasurer was read by James M. Caird; the Association voted to receive it and place it on file. It is printed on page 408.

The report of the Finance Committee, printed on page 409, was submitted by Henry B. Morgan, who supplemented it by a review

of the financial progress of the Association since 1910, attributing most of the success of the Committee to the work of the retiring chairman, H. H. Keeler. On motion by Mr. Morgan, seconded by J. M. Diven, the Association passed a vote of thanks to Mr. Keeler for his work in behalf of the Association and instructed the Secretary to forward a copy of this action to Mr. Keeler.

President-elect Leisen reported for the Executive Committee that it recommended the adoption of the budget proposed by the Finance Committee with the exception of the item for the JOURNAL, which it advised increasing from \$5,000 to \$5,500 because the Editor believed there would be a material increase in the cost of printing and mailing the publication during the year. The action of the Finance Committee in authorizing the overdraft of three items in the budget for the past year was approved and the budget recommended for the new year was adopted with an increase of the item for the JOURNAL from \$5000 to \$5500.

An informal report was made for the Publication Committee by John W. Alvord, chairman. On motion by Dabney H. Maury, seconded by J. M. Diven, a vote of thanks was passed to Mr. Alvord for his services on this committee. An abstract of the stenographer's report of Mr. Alvord's statement is printed on page 412.

The Committee on Electrolysis presented majority and minority reports. On motion by Charles R. Henderson seconded by Henry B. Morgan, both reports were ordered printed, discussion of them was deferred to the next convention, and the members of the committee were discharged. The reports are printed on page 386.

No report was received from the Committee on the Revision of the Constitution. It was moved by Dabney H. Maury and seconded by Charles R. Henderson, members of the committee, that the committee be discharged in order that the incoming President might appoint a special advisory committee to the Executive Committee to act upon suggested changes to the Constitution; this motion was carried.

No report was submitted by the Committee on Standard Specifications for Hydrants and Valves. J. M. Diven stated for the committee that it submitted a final report at the last convention but was continued to endeavor to prepare specifications for light-weight valves, which the committee found to be impracticable. On motion by M. L. Worrell, seconded by Henry B. Morgan, the Association voted to discontinue the committee.

During the discussion on the methods to be followed in the revision of the Constitution, the Association voted, on motion by Henry B. Morgan, that a report of the discussion regarding the nomination of Charles H. Henderson for president, edited for brevity, should be printed and distributed to the members. It is printed in a supplement to this number of the JOURNAL.

Friday morning, May 11, 1917. The meeting was called to order by President Metcalf.

Theodore A. Leisen presented for the Committee on the Prevention of the Pollution of Streams and Lakes a report which is printed on page 383. The report was accepted and the committee discharged.

Nicholas S. Hill, Jr., stated for the Committee on Private Fire Protection Service that its report would be ready shortly. The Association voted that as soon as the report was ready it be printed in pamphlet form and distributed as a supplement to the JOURNAL.

The Committee on City Planning submitted a report accompanied by a large number of photographs, shown to the convention by lantern slides. The Association voted to continue the committee.

Edward S. Cole presented for the Committee on Water Consumption a report which is printed on page 378. The Association voted to adopt the report of the committee, and to distribute leaflets to the members embodying the form recommended by the committee and urge the adoption of the form by water departments. The President ruled that this action carried with it the appointment of a new committee as recommended in the report.

Nicholas S. Hill, Jr., presented an informal progress report of the Committee on the Classification of Technical Literature. The Association voted to continue the committee.

The discussion of the report of the Committee on the Revision of the Standard Specifications for Cast Iron Pipe and Specials was continued from Superintendents' Session on Thursday morning. It was voted to continue the committee and to authorize it to send out such questions to the members as were needed to enable it to ascertain the sentiment of the Association with regard to changes in the specifications.

The report of the Executive Committee was presented by President Metcalf. It is printed on page 404. The report was accepted.

The report of the Committee on Depreciation was presented by the chairman, John W. Alvord, and a dissenting opinion regarding a portion of the report was presented by J. N. Hazlehurst. On motion

of Mr. Alvord, seconded by Dabney H. Maury, it was voted to print the report of the committee and the dissenting opinion of Mr. Hazlehurst and distribute them to the Association as soon as practicable, with a statement that the report and dissenting opinion were open for written discussion; and to request the Executive Committee to give an opportunity for a full discussion of the report and dissenting opinion at the next annual convention; and to discharge the committee with permission to make a closure to the discussion.

During the session a silver tea service, comprising a salver and five pieces, was presented to E. E. Davis by President Metcalf as evidence of the appreciation of his valued work in the Association for many years and of the affectionate regard in which he was held by several hundred of the active and associate members of the Association.

REPORT OF EXECUTIVE COMMITTEE

RICHMOND, VA., May 11, 1917.

The Executive Committee begs leave to report for the year 1916-1917 as follows:

J. M. Diven was reelected secretary and H. E. Keeler chairman of the Finance Committee of the Association.

With the approval of the Secretary and of the Publication and Finance Committees, the secretarial and editorial work of the Association was separated. The Executive Committee secured the services of John M. Goodell as editor.

The League to Enforce Peace offered the coöperation of its staff of lecturers, headed by ex-President Taft, at the 1917 convention. The Executive Committee decided that the program was too full of strictly water works discussions to permit the introduction of unrelated subjects, however important they might be. The committee also decided that public discussion of the guarding of water works was undesirable.

The formation of a California Section has been authorized.

The Executive Committee authorized the appointment by the President of a special committee to consider amendments to the Constitution; this committee to report to the Executive Committee not later than September 15 and the Executive Committee to report to the Association not later than December 1, 1917.